



Minarets High School
Student Course Outline and Expectations
Landscape Design and Installation



Instructor Contact Information:

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I. Course Description

Landscape Design and Installation is a course designed to introduce students to the fundamentals of designing the landscape. In this course students will learn how to communicate their ideas graphically, improve rendering and rapid visualization skills, breakdown and apply the design process, learn basic tools and techniques for installing landscapes. Students will also be exposed to a wide variety of plant materials that are suited for climates of the Central Valley and the Sierra Foothills as well as how to use and place them best into the landscape. Students will also get the chance to video chat with industry professionals and listen to presentations from active landscape contractors.

II. Goals and Objectives

1. Identify 80 commonly used plants in landscape design and learn characteristics and growth requirements for those plants each plant.
2. Prepare a simple landscape designs in plan view from conceptual diagramming to construction documentation.
3. Learn and employ the design process.
4. Design and install a small garden on campus and setup a drip irrigation system for that garden.
5. Design a simple turf and shrub sprinkling system for an area.
6. Design a layout, hardscape, and planting plan for a garden plot at the Chowchilla Fair.
7. Prepare a simple bid for a landscape design project.

III. Grading Scale

The following scale is used in this class:

A= 90% and above

B= 80% - 89%

C= 70% - 79%

D= 60% - 69%

F= 59% and below

Grades are **NOT** on a weighted point scale. All grades are determined on the basis of total points earned for the grading period. Grades will start fresh each semester.

IV. Cheating

Any student(s) caught cheating on a test or quiz, or copying any portions of assignments or lab reports will receive a **ZERO** for that activity. They will **NOT** be able to make it up for partial credit. Please do not cheat; it will never get you anywhere in life.

V. Make-Up Work

It is the **student's responsibility** to ask for any work or assignment that was missed. A reasonable time period will be permitted for make-up work for the following reasons when verified within one day of the student's return:

School functions/field trips *Athletic and school functions will only be accepted if the student is eligible to participate in them.

**Of course situations arise - just make sure to check in with the teacher to make sure that everyone is on the same page.

Illness

Quarantine

Athletic activities

Medical/Dental Appointment (name of doctor/clinic)

Funeral for family members

School functions/field trips

*Athletic and school functions will only be accepted if the student is eligible to participate in them.

**Of course situations arise - just make sure to check in with the teacher to make sure that everyone is on the same page.

VI. FFA Activity

Being enrolled in any Agriculture course automatically enrolls all students as members of the Minarets FFA program. Every student will be expected to participate in at least three (2) FFA activities each semester, i.e., FFA meetings, community service activities, leadership conferences, public speaking events and judging contest. We encourage all students to become active members in the FFA program because no organization will offer the amount of opportunity in leadership and career preparation and growth than the FFA does.

VII. SAE Projects and Record Books

By the end of the year every student will have a SAE (Supervised Agricultural Experience) project. This is a student created project tailored around individual interests, needs, and wants. It serves as another learning opportunity by increasing a student's level of responsibility, record keeping skills, while increasing his/her knowledge and skill in a chosen area. Students will have until January to design a SAE and are expected to have it up and running for most of the second semester. They will also keep accurate records of their activities in the FFA Record Book throughout the year. Parents, this can also be a great opportunity for your student to make some money while increasing their knowledge and skills.

X. Community Service

Every student is expected to participate in at least one community service project each semester. This is not limited to only activities through the FFA; students may perform community service with their church, youth groups, families, or organizations of his/her choice. But, by taking part in a FFA sponsored community service activity the student will be allowed to count it twice; once as a community service project and also as a FFA activity. Regardless, there will plenty of opportunities presented to students during the 2011-2012 school year. We encourage every student to take part in as many community service projects as possible. Doing so will not only provide help for those in need in the short term, but it will allow growth as individuals in the long term.

IX. Extra Credit

Much like a license, extra credit is a privilege and not a right. Throughout the course of the year students will have opportunities to obtain extra credit points to aide their final grades for the course. This should not be looked at as a band-aid or used as a crutch. Negotiation will not be apart of extra credit. Extra credit will be given to students who are going above and beyond the 'A' requirement, or given to those who turn in project early.

X. Points

Points are earned on the basis of assessments (quizzes/tests), designed projects, presentations (both the visual and oral components will be scored), other assignments (notebooks, drawing journals, notes, etc.), attendance, and actively participating. **ALL** assignments will be submitted, however the highest score possible for **LATE WORK** will be **70%** of the originally assigned total. Students must show up for class ready to work and eager to learn.

Breakdown:

50%--Projects and assignments

25%--Tests and quizzes

10%--Participation and Citizenship

5%--FFA Activity

5%--SAE Project / Record Book

5%--Community Service

XI. Course Outline

Here are the topics that will be covered throughout the course of the year:

- Plant Knowledge and ID
- Hand Graphics
- Drafting
- Rendering
- Lettering
- The Design Process
- Fundamentals of Landscape Design
- Site Analysis
- Conceptual Planning
- Working with Clients
- Presentation (Graphically and Orally)
- Planting Plans
- Designing with a Computer
- Plant Care and Installation
- Irrigation Design
- Record Keeping
- Project Bidding and Billing

XII. Being Prepared for Class

Students must purchase a drawing notebook and bring it with them to every class period. The student may purchase a notebook from the instructor or on their own, as long as the notebook pages are blank (without lines). Students must also bring with them a sharpened pencil and a fine point, felt-tipped black pen to every class period. Fine point Sharpie pens are acceptable. All other drawing and drafting materials will be provided by the instructor.

PLEASE SHARE THIS INFORMATION WITH A PARENT OR GUARDIAN. PLEASE GET FORM SIGNED AND RETURN IT TO CLASS.

Signature of Parent or Guardian

Date

Signature of Student!

Date